

MEMORANDUM

TO: Cecilia Tapia, Director, SUPR
FROM: Eric Nold, OSC SUPR/PPSS
THRU: Dan Gravatt, RPM SUPR/MOKS
RE: Trip report

Site: Westlake Landfill Site
Address: 13570 St. Charles Rock Road
Bridgeton, MO 63044
CERCLIS ID: MOD079900932
SSID: 0714

OSC oversight 11/10/2013 – 11/17/2013:

No site work was conducted on Sunday November 10th but the GCPT was delivered to the site on a flatbed trailer. No site work was conducted on Veterans Day, Monday, November 11th.

11/12/13: OSC Nold met with OSC Johnson for a briefing and to hand off site logbook, thumb drive, and camera SD card. OSC Nold mobilized to the site and arrived at 1315 hours. Grubbing and road crew continuing placing roadways to test points. GCPT crew entered site and set up on location WL-111. MDNR Rita Alexander arrived onsite as well as EPA Hooper. Refusal met at 38' at location WL-111 which is too shallow for this location so crew will offset approximately 5' and try again tomorrow. Nold and Alexander visited the MDNR EER trailer set up SE of the landfill. MDNR EER personnel are conducting perimeter and community air monitoring from this location utilizing an area Rae system. The trailer is generally staffed from 6am-6pm and a communication system is set up to notify them after hours if any alarms are triggered.

11/13/13, Wednesday: EPA Nold and Hooper, and MDNR Alexander at site with crew conducting H&S tailgate meeting. All new personnel to the site (including Nold and Hooper) are given site specific H&S briefing while the crew initiates the day's operations. Grubbing and road crew completed construction of north decontamination pad today. GCPT crew having technical issues but after downloading new drivers for the computer system managed to complete location WL-111 to refusal at approximately 52' BGS.

11/14/13, Thursday: EPA Nold and Hooper, and MDNR Alexander at site with crew conducting H&S tailgate meeting. GCPT Crew to continue correlation testing at known historical borehole locations. GCPT unit was next set up on location PVC-28. After a couple of offsets due to early refusal, final refusal was encountered at approximately 50' BGS. The GCPT unit was moved to location PVC-25 which had an existing PVC pipe which the probe was sent down to the bottom. The unit was then moved to location PVC-36 which reached refusal at approximately 50'. All three of these correlation locations matched well with historical data. Because of successful correlation, the unit was moved to the first test location at GCPT 4-1 which reached refusal at approximately 50' BGS. Radiation of ~7,000 CPS was detected at 28-31' BGS at this location. The unit was then moved to location GCPT 4-2 and reached refusal at approximately 50' BGS. Radiation of ~300 CPS was detected at this location at 32-35' BGS. The unit was then moved to location ML-108 in preparation for the next days' activities. Throughout the day the grubbing and road crew worked on constructing road finger 16 which required alteration due to safety concerns of the steep terrain.

11/15/13, Friday: EPA Nold and Hooper attended the morning H&S tailgate meeting at 0645. GCPT unit started at location WL-108 to correlate stratigraphy. The grubbing and road crew worked on a new path to reach locations 15-1, 16-1, and 16-2. These locations along with 16-3 and 16-4 were offset due to steep terrain after consultation with EPA RPM Gravatt. After completing location WL-108, the GCPT unit was moved to location GCPT 7-1, 9-1, and then 9-3. All four of these locations met refusal at the appropriate depth and had no radiation detections. The unit was then moved to location 8-1 which reached refusal at approximately 57' BGS. Radiation of ~300 CPS was detected at this location at ~30' BGS. The unit was then moved to location WL-119 which met refusal at ~50' BGS. Radiation of 240 CPS was detected at ~47' BGS (NOTE: background radiation is ~100 CPS).

11/16/13, Saturday: Grubbing and road crew not working today. Surveyor began sighting in test points after H&S tailgate meeting was conducted. GCPT crew having technical issues while set up on location GCPT 7-3. Windy conditions caused one of the grubbing and road crew to be called in to fix some blowing liner in the north decon pad. The GCPT unit then set up at location 6-5, 6-4, and 6-3 all of which had no rad detections. The unit was moved to location GCPT 12-6 in preparation for the next day's activities.

11/17/13, Sunday: Grubbing and road crew not working today. GCPT crew encountered computer technical issues at location 12-6 and the site was shut down for the day to fix on-board computer issues. Nold demobilized from the site for Kansas City. Overlap meeting with OSC Larson will be held at the regional office tomorrow morning before he mobilizes to the site.

To my knowledge, the site was not visited by the general public or any media outlets during this time period. No visible emissions of dust were observed from activities being conducted by this project.

All site photographs, drawings, records, and / or other actions taken that document EPA OSC oversight or PRP actions can be found at: www.epaosc.org/westlakeoversightinfo.